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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 3

Complete if Known

Application Number
Filing Date
First Named Inventor Elizabeth Gay Frayne
Art Unit 1623
Examiner Name D. Khan
Attorney Docket Number

10/007489
12/06/01

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. 1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code 2 (if known)			
AL		US-6,239,265	5-29-01	Cook, Phillip Dan	
		US-6,326,478	12-4-01	Cheruvallath, Z. S. et al	
		US-6,310,198	10-30-01	Tang, Jin-Yan et al	
		US-6,294,664	9-25-01	Ravikumar, et al	
		US-6,117,993	9-12-00	Tyer, R. P. et al	
		US-6,031,042	2-29-00	Just, G. et al	
		US-5,883,237	3-16-99	Stee, W. J. et al	
		US-5,644,048	7-1-97	Yau, E. K.	
		US-6,096,880	8-1-00	Kool, E. T.	
		US-5,990,300	9-23-99	Hlatt, A. C.	
		US-5,932,450	9-3-99	Dattagupta, N. et al	
		US-5,916,777	6-29-99	Kacia, D. L. et al	
		US-5,739,311	4-14-98	Lackey, D. L. et al	
		US-5,650,271	7-22-97	Richards, R. M.	
		US-5,635,488	6-3-97	Cook, Phillip D.	
		US-5,629,177	5-13-97	Hyman, E. D.	
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. 1	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code 3 - Number 4 - Kind Code 5 (if known)				

Examiner Signature

d. Khan

Date Considered

11/21/03

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	
		Filing Date	
		First Named Inventor	Elizabeth G. Frayne
		Group Art Unit	
		Examiner Name	
Sheet 2 of 3	Attorney Docket Number		

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
Not Considered IDS Not Provided		J. MURRAY Ed. (1992) "Antisense RNA & DNA," Wiley-Liss, New York.	
		VAN DER KROL, et al (1988) Biotechniques 6: 958-975.	
		CLERCQ, et al (1970) Virology 42: 421-428.	
		FROENHLER et al (1986) Nucleic Acids Res. 14: 5399-5407.	
		SINHA et al (1983) Tetrahedron Lett. 24: 5843-5846.	
		LET SINGER et al (1965) J. American Chemical Soc. 87: 3526.	
		SINHA and FRY (1984) In Sanghui and Cook (Eds) "Carbohydrate Modifications in Antisense Research," American Chemical Society, Washington, D.C.	
		GRIFFITHS and EPERON (1987) Nucleic Acids Res. 15: 4145-4162.	
		SUT and EPERON (1992) Nucleic Acids Res. 20: 6303-6309.	
		ECKSTEIN (1985) Annu. Rev. Biochem. 54: 367-402.	

Examiner Signature	<i>delme</i>	Date Considered	11/21/03
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		First Named Inventor	Elizabeth G. Frayne
		Group Art Unit	
		Examiner Name	
Sheet	3	of	3
		Attorney Docket Number	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
Not considered as stated in Amend A reel 192/03		KOZIOLKIEWICZ et al (1995) Nucleic Acid Res. 23: 5000-5005.	
		NIETO et al (1994) Science 264: 835-839.	
		MORGAN et al (1993) Nucleic Acids Res. 21: 4615-4620.	
		WOLF (1992) PNAS 89: 7305-7309.	
		MATZURA and ECKSTEIN (1968) European J. Biochem. 3: 448-452	
		BURGERS and ECKSTEIN (1979) J. Biol. Chem. 254: 6889-6893.	
		GOODMAN et al (1993) Crit. Rev. Biochem. Mol. Biol. 28: 83-126.	

Examiner Signature	<i>[Signature]</i>	Date Considered	11/21/03
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